

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 22, 2004

Signature: *Diane Burke* (Diane Burke)

Attorney Docket No. SION-P01-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EXPLOSIVES DETECTION USING DIFFERENTIAL ION MOBILITY SPECTROMETRY

the specification of which was filed on April 8, 2004 as Application No. 10/821,812.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at **Ropes & Gray LLP**, One International Place, Boston, Massachusetts 02110-2624, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

☐ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

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☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/461,282	April 8, 2003	<u>X</u> Yes No ___
60/530,518	December 18, 2003	<u>X</u> Yes No ___
		___ Yes No ___

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all

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10/462,206	June 13, 2003		CIP
10/321,822	December 16, 2002	09/358,312, now U.S. patent 6,495,823 B1	CIP

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 28120

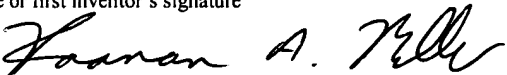
all of **Ropes & Gray LLP**, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

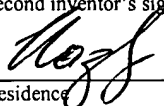
Please mail all correspondence to John V. Bianco, whose address is:

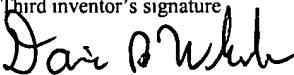
**Ropes & Gray LLP**  
One International Place  
Boston, Massachusetts 02110-2624

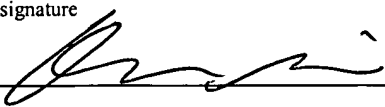
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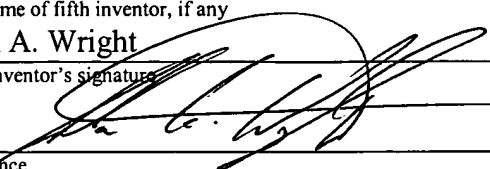
Please direct facsimiles to: (617) 951-7050

Full name of sole or first inventor <b>Raanan A. Miller</b>	
Sole or first inventor's signature 	Date <b>8/13/04</b>
Residence <b>Chestnut Hill, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>27 Intervale Road Chestnut Hill, Massachusetts</b>	

Full name of second inventor, if any <b>Erkinjon G. Nazarov</b>	
Second inventor's signature 	Date <b>08/13/04</b>
Residence <b>Lexington, MA</b>	
Citizenship <b>Uzbekistan</b>	
Mailing Address  <b>58 Emerson Gardens Lexington, Massachusetts</b>	

Full name of third inventor, if any <b>David B. Wheeler</b>	
Third inventor's signature 	Date <b>09/09/04</b>
Residence <b>Haverhill, MA</b>	
Citizenship <b>US</b>	
Mailing Address  <b>37 Valley Road Haverhill, Massachusetts</b>	

Full name of fourth inventor, if any <b>Quan Shi</b>	
Fourth inventor's signature 	Date <b>8/16/04</b>
Residence <b>Westford, Massachusetts</b>	
Citizenship <b>China</b>	
Mailing Address  <b>88 Forest Street R2 Westford, Massachusetts</b>	

Full name of fifth inventor, if any <b>John A. Wright</b>	
Fifth inventor's signature 	Date <b>2004-08-16</b>
Residence <b>Waltham, MA</b>	
Citizenship <b>US</b>	
Mailing Address  <b>41 Walnut Street, Apt 15 Waltham, Massachusetts</b>	

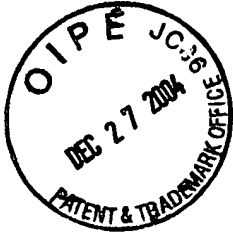
Full name of sixth inventor, if any <b>Gary A. Eiceman</b>	
Sixth inventor's signature	Date
Residence <b>Las Cruces, New Mexico</b>	
Citizenship <b>US</b>	
Mailing Address  <b>2020 Turrentine Drive Las Cruces, New Mexico</b>	

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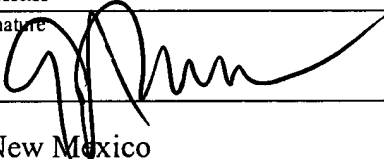
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Sole or first inventor's signature	Date
Residence <b>Chestnut Hill, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>27 Intervale Road Chestnut Hill, Massachusetts</b>	

Full name of second inventor, if any <b>Erkinjon G. Nazarov</b>	
Second inventor's signature	Date
Residence <b>Lexington, MA</b>	
Citizenship <b>Uzbekistan</b>	
Mailing Address  <b>58 Emerson Gardens Lexington, Massachusetts</b>	

Full name of third inventor, if any <b>David B. Wheeler</b>	
Third inventor's signature	Date
Residence <b>Haverhill, MA</b>	
Citizenship <b>US</b>	
Mailing Address  <b>37 Valley Road Haverhill, Massachusetts</b>	

Full name of fourth inventor, if any <b>Quan Shi</b>	
Fourth inventor's signature	Date
Residence <b>Westford, Massachusetts</b>	
Citizenship <b>China</b>	
Mailing Address  <b>88 Forest Street Westford, Massachusetts</b>	

Full name of fifth inventor, if any <b>John A. Wright</b>	
Fifth inventor's signature	Date
Residence <b>Waltham, MA</b>	
Citizenship <b>US</b>	
Mailing Address  <b>41 Walnut Street, Apt 15 Waltham, Massachusetts</b>	

Full name of sixth inventor, if any <b>Gary A. Eiceman</b>	
Sixth inventor's signature 	Date <b>Sept 1, 2004</b>
Residence <b>Las Cruces, New Mexico</b>	
Citizenship <b>US</b>	
Mailing Address  <b>2020 Turrentine Drive Las Cruces, New Mexico</b>	